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INFORMATION REPORT

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COUNTRY	East Germany	REPORT	
SUBJECT	VEB Michael Niederkirchner, Ilsenburg	DATE DISTR.	18 January 1954
		NO. OF PAGES	1
DATE OF INFO.		REQUIREMENT NO.	
PLACE ACQUIRED		REFERENCES	

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(SEE KEY SEE REVERSE)

report concerning the VEB Michael Niederkirchner, Ilsenburg, listing personnel, equipment, and capacity

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Form No. 51-61, January 1953

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German Democratic Republic

MISCELLANEOUS INFORMATION ON THE MICHAEL NIEDERKIRCHNER COPPER PLANT, ILSENBURG

Leading personalities of the VEB (People-Owned Enterprise) Michael Niederkirchner Copper Plant: Plant director-E. Bindseil; Chief engineer-H. Vaeth; Sales manager-H. Kuhlmey; Chief bookkeeper-W. Tchenisch; Planning director-G. Droste; Production manager-R. Mueller; and Personnel chief-H. Zell.

Production equipment available at Ilsenburg: 3 gravity-discharge furnaces; one rolling mill; one old two-high rolling mill; one new two-high rolling mill; one pit heating furnace; 2 straightening machines; 4 trimming shears; one cutting shear; one chamber furnace; one hot-plate straightening machine; 2 shaft furnaces; 4 refining furnaces; and one electrolysis installation.

Black copper production figures for 1953: Output of black copper from blast furnace No. I: 6,000 tons in 5,900 hours, or 1.015 tons per hour; Copper content in tons in proportion to black copper: 5,100 tons/6,000 tons, or 85 percent; 16,600 tons of raw material equal 6,000 tons of finished product, or 2.7 tons of raw material for one ton of finished product; 840,000 kilowatts of electric power are required to produce 6,000 tons of copper, or 140 kilowatts per ton; 40 men produce 6,000 tons, or 150 tons per man.

Refined copper production: Refining furnace No. I produced 1,000 tons in 1,670 hours, or 0.6 tons per hour; 10,100 tons of anode copper were produced per 12,000 tons of black copper input, or 84.5 percent, i.e. 1.18 tons of black copper were required to produce one ton of anode copper; 7,150,000 kilowatts of electric power were required for the production of 12,900 tons of finished product, or 550 kilowatts per ton.

Electrolytic copper production: 9,600 tons of electrolytic copper (cathode) were produced in 8,760 hours, or 1.09 tons per hour; 9,960 tons of copper content were required for 9,800 tons of electrolytic copper output, or 1.020 tons of content per ton of output; 11,900 tons of anode copper input were required for 9,800 tons of cathode copper output, or 1.214 tons of anode copper for one ton of cathode copper; 225,000 kilograms of sulphuric acid were required per ton of output, or 26.0 kilograms of acid per ton; 517 kilowatts of electric power were required per ton of output.